

ABSTRACT OF THE DISCLOSURE

This is a radio communication system having a radio base station controller 20 which is connected to a plurality of base stations 10n-1, 10n and 10n+1, and then assigns a fixed channel to each of radio mobile stations 18a, 18b and 18c, and further controls the beam patterns of the radio base stations 10n-1, 10n and 10n+1, and accordingly carries out the radio communications with the radio mobile stations 18a, 18b and 18c. The radio base station controller 20, when transmitting to and receiving from the different radio mobile stations 18a, 18b and 18c to which the same channel is assigned, controls the beam patterns so that the channels do not interfere with each other.